



# AMEDEE

Because it is better to invest in preventive maintenance rather than spend in repairs

Control the status of upper cylinder of Petrol, Diesel and Gas engines  
Preventive maintenance, diagnostics, expertise

## 3 in 1 solution :

- \* Compression measurement on gasoline engines
- \* Compression measurement on Diesel engines
- \* Measuring Leakage injecting regulated compressed air into the cylinder.



## Advantages :

- \* Speed of implementation
- \* Measurement of the pressure during the whole cycle ( $f = 10 \text{ Hz}$ )
- \* Display of the maximum value
- \* Checking the cylinder tightness expressed in the Amédée index (0 to 100)
- \* Helps locate the origin of the leak using a stethoscope
- \* Recording of values, storage and transfer by USB to PC
- \* Possibility of operating and printing results (compatible software Windows XP, Windows 7 provided)
- \* Kit Amédée Check supplied: control manometer + jet test
- \* Options: cylinder connectors, 80 bar sensor
- \* Various fields of application: Transport (car, truck, bus, boats, railway), Agricultural, Industry, Construction, Other ...

Examples of applications:



Diesel engine / gasoline vehicle



Motor Trimmer



Generator

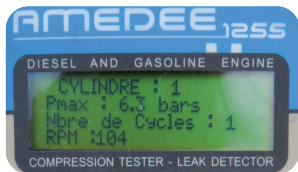


one  too

3 functions in 1 unit: Gasoline and Diesel Compression, Sealing

### Description:

- Display of the compression value: 0 - 50 bar
- Display of the Amédée index waterproofness from 0 to 100
- Engine rotation speed at starter
- Indication of the number of pressure rise steps (Number of cycles)



On/Off  
Navigation arrows  
Protective cover



Towards cylinder

Pneumatic block for tightness measurement

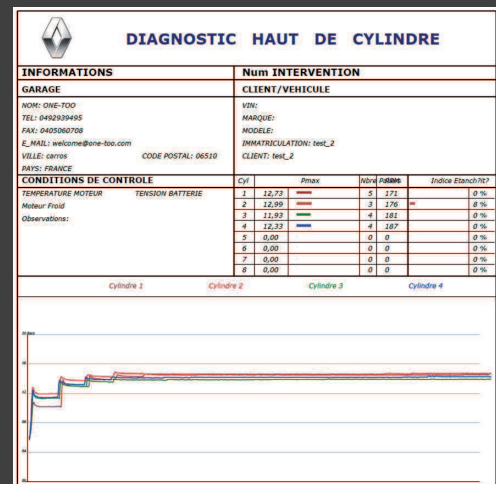
Pressure sensor

Validation

Compression measurement software interface and leak test



Results report and compression curves on PC



### Technical characteristics :

acquisition frequency	10 Hz
Accuracy	0.1 bar
Case dimensions	140x 50 x 30 mm
Pneumatic system	150 x 100 x 50 mm
Display	graphic LCD screen
Self Shut down	5 min after inactivity
Alimentation	Pile 9V

Packaging Case	525 x 375 x 152 mm
Composition	Stethoscope + Amédée Check + USB cable + data exploitation software + users manual
Options	Petrol or Diesel connection kits, remote start control, measuring range up to 80 bar
standards	CE, RoHS, Reach